



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Voltage, Class 2	Watts	4.27W/ftW
120V	N/A	Color Temp	N/A
208V	N/A	Color Accuracy	N/A
240V	N/A	L70 Lifespan	50,000 Hours
277V	N/A	Lumens	218lm/ft lm
Input Watts	4.27 W/ftW	Efficacy	51

Technical Specifications		
<p><b>Performance</b></p> <p><b>Description:</b> NEOFLEX recreates the look of classic neon with smooth, dot-free illumination. Engineered for indoor and outdoor applications, it is IP67 rated for long-lasting, reliable performance.</p> <p><b>Input Wattage:</b> 4.27W/ft</p> <p><b>Lumens/Foot:</b> 218 lm/ft</p> <p><b>L70 Lifespan:</b> 50,000-Hour LED lifespan based on IES LM-70 results</p> <p><b>Optical</b></p> <p><b>Efficacy:</b> 51lm/W</p> <p><b>LED Characteristics</b></p> <p><b>Chip Density:</b> 37 LED/ft</p> <p><b>Beam Angle:</b> 120°</p> <p><b>Color Temperature:</b> 5000K</p>	<p><b>Color Accuracy (CRI):</b> 90 CRI</p> <p><b>R9 Value:</b> High color performance with R9 greater than 50</p> <p><b>Color Consistency:</b> &lt;5-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color</p> <p><b>Field Cuttable Increment:</b> Any</p> <p><b>LED Segments per Reel:</b> Any</p> <p><b>Electrical</b></p> <p><b>Input Voltage:</b> DC24V</p> <p><b>Operating Temperature:</b> -20°C to 45°C (-4°F to 113°F)</p> <p><b>Storage Temperature:</b> -4°F (-20°C) to 140°F(60°C)</p> <p><b>Installation</b></p> <p><b>Mounting:</b> Bracket, aluminum profile, bendable bracket</p>	<p><b>Construction</b></p> <p><b>Reel Length:</b> 16 ft</p> <p><b>Max Run Length:</b> 16 ft</p> <p><b>PCB Width:</b> W16mm*H16mm</p> <p><b>Light Source:</b> COB LED White</p> <p><b>Material Construction:</b> Dual-Flex design which can be used to create curved and complex irregular designs</p> <p><b>Bendable:</b> Dual bend</p> <p><b>Light Effect:</b> Soft linear lighting performance</p> <p><b>Compliance</b></p> <p><b>Listings:</b> UL2108</p> <p><b>Environment:</b> Suitable for use indoors and outdoors in dry, damp, or wet environments.</p>

**Technical Specifications (continued)**

**IP Rating:**

IP67

**Compatible Drivers:**

TID-60  
Indoor 60W driver

**Certification Model Number:**

TNFCW

TID-96  
Indoor 96W driver

**California Title 20 Compliant:**

No

TID/B  
J-box for TID Drivers

**California Title 24 JA8 Compliant:**

Can be used to conform with the requirements of California Title 24 Part 6.

TOD-96  
Outdoor 96W driver

**California Energy Commission (CEC) Status:**

Lawful for Sales in California

TOD-96x2  
96Wx2 outdoor driver

**NSF Listed:**

No

TOD-96x3  
96Wx3 outdoor driver

**NEC Compliant:**

Suitable for use in closets when used in an enclosed extrusion based on NFPA 70, NEC section 410.16 (A)(1) and 410.16 (C)(1)

**5-Year Limited Warranty:**

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

**IESNA LM-79 & LM-80 Testing:**

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

**RoHS:**

Mercury and UV free. RoHS-compliant components.

**FCC:**

No

**Other**

**Field Wiring Accessories:**

TPF2NF  
2-pin Power Feed Kit

TSG  
10ml Silicone Glue

**Mounting Accessories:**

TB16  
16mm wide mounting brackets

TBB16  
16mm wide bendable aluminum channel

TAP16  
16mm wide aluminum straight channel

TAP16TL  
Trimless 16mm Wide Aluminium Profile

Ordering Matrix

Family	Length	Lumen Output	CRI/Color Temp	Input Voltage	IP Rating	Controls
TNF			CW			
	Blank = 16 ft	Blank = Standard LG = Low Glare	YN = 90 CRI, 3500K N = 90 CRI, 4000K CW = 90 CRI, 5000K Y = 90 CRI, 3000K YY = 90 CRI, 2700K	Blank = 24 DC	Blank = IP67, Outdoor	Blank = None